

III.—*Rhynchotal Miscellanea.* (Second Series.)—By W. L. DISTANT.

PART I.—RHYNCHOTA FROM THE TRANSVAAL,  
MASHONALAND, AND BRITISH NYASALAND.

*REDUVIIDÆ.*

I have previously in these pages (*ante* vol. ii. p. 244) enumerated and described the COREIDÆ from the above localities. I now follow the same method with the REDUVIIDÆ.

HETEROPTERA FROM THE TRANSVAAL.

FAMILY REDUVIIDÆ.

SUB-FAMILY TRIBELOCEPHALINÆ.

*Tribelocephala boschjesmana*, Stål. Pienaars River (W. L. D.);  
Lydenburg Distr. (Pret. Mus. and  
Coll. Dist.)

SUB-FAMILY STENOPODINÆ.

*Sastrapada baerensprungi*, Stål. Pretoria (W. L. D.).  
*Oncocephalus annulipes*, Stål. Pretoria (W. L. D.); Pienaars  
River (W. L. D.); Rustenburg (W. L. D.).  
,, *denticulatus*, Stål. Pretoria (W. L. D.); Pienaars  
River (W. L. D.).  
,, *caffer*, Stål. Pretoria (W. L. D.).  
*Thodelmus quinquespinosus*, Fabr. Pretoria (W. L. D.).

SUB-FAMILY SALYAVATINÆ.

*Petalochirus umbrosus*, Herr. Schaeff. Barberton (Rendall).

SUB-FAMILY HOLOPTILINÆ.

*Holoptilus vulpes*, Stål. Lydenburg Distr. (Pret. Mus. and Coll.  
Dist.).

*Holoptilus lupus*, Wallengr. Lydenburg Distr. (Pret. Mus. and Coll. Dist.).  
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SUB-FAMILY ACANTHASPINÆ.

- Varus varius*, Walk. Pretoria (W. L. D.); Johannesburg (Ross);  
 Barberton (Rendall).  
*Reduvius tarsatus*, Germ. Pienaars River (W. L. D.); Lydenburg Distr. (Pret. Mus. and Coll. Dist.).  
*Edocla quadrisignata*, Stål. Pretoria (W. L. D.); Johannesburg (Fry).  
*Acanthaspis nugax*, Stål. Transvaal (W. L. D.); probably Pretoria.  
 „ *obscura*, Stål. Waterberg; Warm Baths (W. L. D.); Rustenburg (W. L. D.); Lydenburg Distr. (Pret. Mus. and Coll. Dist.).  
 „ *lurco*, Stål. Lydenburg Distr. (Pret. Mus. and Coll. Dist.).  
 „ *rubricosa*, Stål. Zoutpansberg (Kaessner).  
 „ *lydenburgi*, sp. n. Lydenburg Distr. (Pret. Mus. and Coll. Dist.).  
*Cethera musica*, Germ. Lydenburg Distr. (Pret. Mus. and Coll. Dist.).  
*Platymeris guttatipennis*, Stål. Pretoria (Kaessner); Lydenburg Distr. (Pret. Mus. and Coll. Dist.).  
*Phonergates bicoloripès*, Stål. Pretoria (W. L. D.); Pienaars River (W. L. D.).  
 „ *concoloripes*, Reut. Lydenburg Distr. (Pret. Mus. and Coll. Dist.).  
 „ *basilicus*, Stål. Lydenburg Distr. (Pret. Mus. and Coll. Dist.).  
 „ *quadrimaculatus*, sp. n. Lydenburg Distr. (Krantz).  
*Cerilocus dohrni*, Stål. Lydenburg Distr. (Krantz).  
 „ *parvus*, sp. n. Lydenburg Distr. (Krantz).

SUB-FAMILY PIRATINÆ.

- Ectomocoris cruciger*, Fabr. Lydenburg Distr. (Pret. Mus. and Coll. Dist.).  
*Pirates œnicollis*, Schaum. Pienaars River (W. L. D.).  
 „ *rubricosus*, Stål. Barberton (Rendall).  
 „ *lugubris*, Stål. Pretoria (W. L. D.); Rustenburg (W. L. D.).  
 „ *conspurcatus*, Dist. Pretoria (W. L. D.).  
*Sirthena africana*, sp. n. Pretoria (W. L. D.).

## SUB-FAMILY ECTRICHODINÆ.

- Physorhynchus crux*, Thunb. Pretoria (W. L. D.); Johannesburg (Ross); Barberton (Rendall); Lydenburg.
- „ *bigemmis*, Stål. Lydenburg.
- „ *patricius*, Stål. Pretoria (W. L. D.); Barberton (Rendall); Lydenburg Distr. (Pret. Mus. and Coll. Dist.).
- „ *natalensis*, Stål. Pretoria (W. L. D.); Lydenburg Distr. (Zutrzenka).
- „ *crocatus*, sp. n. Lydenburg Distr. (Krantz).

## SUB-FAMILY HARPACTORINÆ.

- Leptodema ancanthocephala*, Carlini. Lydenburg (Krantz).
- Harpactor erythrocnemis*, Germ. Barberton (Rendall).
- „ *pulvisculatus*, Dist. Pretoria (W. L. D.); Johannesburg (Ross); Middelburg (W. L. D.).
- „ *segmentarius*, Germ. Pretoria (W. L. D.); Barberton (Rendall); Lydenburg Distr. (Pret. Mus. and Coll. Dist.).
- „ *tristis*, Stål. Pretoria (W. L. D.); Lydenburg Distr. (Pret. Mus. and Coll. Dist.).
- „ *albopunctatus*, Stål. Pretoria (W. L. D.); Barberton (Rendall) Zoutpansberg (Kaessner); Lydenburg Distr. (Krantz); Natal Frontier.
- „ *rapax*, Stål. Pretoria (W. L. D.); Barberton (W. L. D.).
- „ *puberulus*, Stål. Pretoria (W. L. D.).
- „ *paludatus* Dist. Lydenburg Distr. (Krantz).
- Callilestes bicolor*, Dist. Pretoria (W. L. D.).
- Cosmolestes insignis*, sp. n. Pretoria (W. L. D.).
- Hematochaes longiceps*, Walk. Waterval Onder (Ross).
- Pantoleistes princeps*, Stål. Pretoria (W. L. D.); Natal Frontier.
- Coranus oblongiceps*, Stål. Pretoria (W. L. D.).
- Coranopsis vittata*, Horv. Pretoria (W. L. D.).
- „ *Rossi*, sp. n. Waterval Onder (Ross).
- Vitumnus scenicus*, Stål.
- Var. *sedulus*, Stål. Pretoria (W. L. D.).
- Var. *cinnabarinus*, Stål. Pretoria (W. L. D.); Barberton (Rendall); Waterberg (W. L. D.); Zoutpansberg (Kaessner).
- Var. *lydenburgus*, Dist. Lydenburg Distr. (Pret. Mus. and Coll. Dist.).
- Var. *scenicus*, Stål. Pretoria (W. L. D.); Barberton (Rendall); Lydenburg Distr. (Pret. Mus. and Coll. Dist.).

- Var. *miniatus*, Stål. Pretoria (W. L. D.); Barberton (Rendall); Waterberg; Warm Baths (W. L. D.).
- Var. *sobrinus*, Stål. Pretoria (W. L. D.); Lydenburg Distr. (Zutrzenka).
- Var. *barbertonus*, Dist. Barberton (Rendall).
- Var. *pretorius*, Dist. Pretoria (W. L. D.).
- Nagusta subflava*, sp. n. Pretoria (W. L. D.).
- „ *junodi*, Montand. Natal Frontier.
- Blayton ramentaceus*, Germ. Pretoria (W. L. D.); Lydenburg Distr. (Krantz).

ACANTHASPIS LYDENBURGI sp. n.

Pale sanguineous; head from behind insertion of antennæ, its apex, and a subapical median line, antennæ, rostrum excluding base, anterior margin of pronotum, a broad transverse fascia at junction of anterior and posterior pronotal lobes, scutellum excluding apex, hemelytra, head beneath, median and posterior fasciæ to prosternum, the meso- and meta-sterna, posterior segmental margins to abdomen, spots to connexivum, coxæ, bases and apices of anterior and intermediate femora, the tibiæ and the whole of posterior legs, black; under surfaces of the anterior and intermediate tibiæ ochraceous; a submarginal fascia to mesosternum, a basal marginal linear spot and a large subapical spot to corium, pale sanguineous.

Anterior lobe of pronotum sculptured, but faintly and obsoletely centrally sulcate, posterior lateral pronotal angles subprominent and subnodulose; apex of scutellum tuberculously prominent; rostrum with the second joint a little longer than the first; femora unarmed; body pilose, especially the antennæ, legs, and under surface.

Long. 15 mm.; exp. pronot. angl.  $4\frac{1}{2}$  mm.

*Hab.* Transvaal; Lydenburg District.

PHONERGATES QUADRIMACULATUS sp. n.

Pale sanguineous; head, four small spots on transverse constriction of pronotum, clavus and subclaval fascia—excluding bases of each, membrane, sternum—excluding lateral margins, coxæ, disks of basal and apical abdominal segments, and anal appendage black; antennæ and rostrum piceous-brown.

Allied to *P. basilicus* Stål, from which it differs by the more slender body, less produced and more rounded lateral pronotal angles, four spots to the pronotum, different colour of the corium, &c.

Long. 13 mm.

*Hab.* Transvaal; Lydenburg District.

*CERILOCUS PARVUS*, sp. n.

Black; a large ochraceous discal spot near inner angle of corium; body beneath and legs piceous-brown; antennæ excluding basal joint, rostrum, coxæ, tibiæ, tarsi, disk of metasternum, basal disk of abdomen, and small spots to connexivum brownish-ochraceous.

Pronotum with the anterior angles scarcely prominent; disk of both lobes longitudinally impressed, posterior lateral angles subprominent and rounded; basal joint of antennæ not quite reaching apex of head and about one-fourth the length of second joint; second joint of rostrum very slightly longer than first.

Long. 17 mm.; exp. pronot. angl.  $4\frac{1}{2}$  mm.

*Hab.* Transvaal; Lydenburg District.

*SIRTHENEA AFRICANA*, sp. n.

Pronotum castaneous; hemelytra, ocelli, and eyes black; head, rostrum, basal angles of corium, apical margin of membrane, body beneath and legs ochraceous; lateral areas of sternum and abdomen, the whole of metasternum and anal segment of abdomen piceous; antennæ ochraceous, second joint and base of third joint piceous; anterior pronotal lobe longitudinally but irregularly sulcate, the sulcations piceous, the posterior lobe deeply foveate near lateral angles, posterior margin obscurely piceous; hemelytra opaque; legs finely pilose.

Long. 20 mm.

*Hab.* Transvaal; Pretoria (Distant).

*PHYSORHYNCHUS CROCATUS*, sp. n.

Reddish ochraceous; antennæ, eyes, hemelytra, lateral areas of meso- and meta-sterna and anal segment black; base of first joint of antennæ and basal angles of hemelytra reddish-ochraceous; pronotum concolorous, central sulcation profound, abdominal incisures deep and crenulate.

Long. 16-19 mm.

*Hab.* Transvaal; Lydenburg. East Africa; Mambaia.

*COSMOLESTES INSIGNIS*, sp. n.

Head, pronotum, scutellum, sternum, and legs piceous, thickly and brownly pilose; corium and abdomen beneath piceous-testaceous; abdomen thickly irrorated with small ochraceous spots, its sublateral margins piceous, connexivum above and beneath alternately ochraceous and black; membrane shining cupreous; posterior angular

margins and a central transverse basal fascia to pronotum, posterior central area united with spatulate apex of scutellum, basal angle of corium, coxal spots, and lateral margins of meso- and meta-sterna shining luteous; antennæ and rostrum piceous; posterior area of pronotum finely granulate and of a more brownish hue than the anterior lobe; scutellum foveate at base and broadly spatulate at apex; an ochraceous spot on sternum between the anterior and intermediate tibiæ; legs beneath more brownish than above and thickly pilose; margins of anal segment and a central fascia to same black.

Long. 13 mm.

*Hab.* Transvaal; Pretoria (Distant).

The unspotted head and pronotum render this species very distinct.

#### CORANOPSIS ROSSI, sp. n.

Pale sanguineous; head in front of eyes and its basal margin, antennæ, rostrum, anterior lobe of pronotum—excluding frontal and lateral margins—a transverse series of three spots to posterior pronotal lobe, basal and lateral margin of scutellum, membrane, and oblique lateral fascia to prosternum, meso- and meta-sterna, coxæ, legs, a submarginal series of transverse linear spots and anal segment to abdomen black; a spot near intermediate and posterior coxæ sanguineous; apical margin of membrane fuliginous and passing abdominal apex; body and legs pilose.

Long. 11 mm.

*Hab.* Transvaal; Waterval Onder (A. Ross).

#### VITUMNUS SCENICUS.

*Vitumnus scenicus*, Stål, Hem. Afr. iii. p. 69 (1865).

Var. *a.* *Harpactor sedulus*, Stål, Öfv. Vet.-Ak. Förh., 1855, p. 41, 6.

*Hab.* Transvaal; Pretoria.

Var. *b.* *Harpactor cinnabarinus*, Stål, Öfv. Vet.-Ak. Förh., 1855, p. 41, 1.

*Reduvius sertus*, Dist. Nat. in Transv. Append., p. 254, pl. 11, f. 8 (1892).

*Hab.* Transvaal; Pretoria (W. L. D.); Barberton (Rendall); Warm Baths, Waterberg Distr. (W. L. D.); Zoutpansberg (Kaessner).

Var. *c.* *lydenburgus*, var. n.

Sanguineous; head, antennæ, rostrum, central longitudinal fascia to anterior lobe of pronotum, scutellum, clavus, excluding base,

membrane, spots to connexivum, sternum, legs, segmental margins, sublateral fasciæ, and apex of abdomen black; head beneath and with a large spot above between eyes, sanguineous.

*Hab.* Transvaal; Lydenburg Distr. (Pret. Mus.).

Var. *d.* *Harpactor scenicus*, Stål, Öfv. Vet.-Ak. Förh., 1855, p. 41, 4.

*Reduvius capitatus*, Dist. Nat. in Transv. Append., p. 255,  
pl. 11, f. 1 (1892).

*Hab.* Transvaal; Pretoria (W. L. D.); Barberton (Rendall); Lydenburg Distr. (Pret. Mus.).

Var. *c.* *Harpactor miniatus*, Stål, Öfv. Vet.-Ak. Förh., 1855, p. 41, 3.

*Hab.* Transvaal; Pretoria (W. L. D.); Barberton (Rendall); Warm Baths, Waterberg Distr. (W. L. D.).

Var. *d.* *Harpactor sobinus*, Stål, Öfv. Vet.-Ak. Förh., 1855, p. 41, 3.

*Reduvius negamicus*, Walk., Cat. Het., vii., p. 191, n. 38  
(1873).

*Hab.* Transvaal; Pretoria; Lydenburg Distr. (Zutrzenka).

Var. *c.* *barbertonus*, var. n.

Black; head beneath, spot between eyes, rostrum, excluding apex, and legs ochraceous; antennæ piceous, basal joint brownish-ochraceous; tarsi piceous.

*Hab.* Transvaal; Barberton (Rendall).

Var. *f.* *pretorius*, var. n.

Piceous, greyishly pilose; head beneath, spot between eyes, rostrum, excluding apex, disk of sternum, abdomen, and legs ochraceous; apex of abdomen, apices of tibiæ, and the tarsi piceous.

*Hab.* Transvaal; Pretoria.

#### NAGUSTA SUBFLAVA, sp. n.

Above pale ochraceous, or brownish-ochraceous; body beneath, legs, rostrum, and antennæ luteous; sternum hoary, pilose; membrane scarcely passing the abdominal apex; pronotum with the anterior lobe sulcate, the posterior lobe finely granulate, the lateral spines slightly directed upward; scutellum with a very distinct central basal impression.

Long. 14 mm.

*Hab.* Transvaal; Pretoria (Distant).

## HETEROPTERA FROM MASHONALAND.

(COLLECTED BY MR. G. A. K. MARSHALL.)

## FAMILY REDUVIIDÆ.

## SUB-FAMILY EMESINÆ.

*Stenolæmus marshalli*, sp. n. Umfuli River.

## SUB-FAMILY STENOPODINÆ.

*Oncocephalus annulipes*, Stål. Salisbury.*Thodelmus quinquespinosus*, Fabr. Salisbury.

## SUB-FAMILY SALYAVATINÆ.

*Lisarda cænosa*, Stål. Salisbury.*Petalochirus umbrosus*, Herr. Schaeff. Umfuli River.

## SUB-FAMILY ACANTHASPINÆ.

*Varus flavoannulatus*, Stål. Salisbury.*Reduvius tarsatus*, Germ. Salisbury.,, *mashonæ*, sp. n. Salisbury.*Edocla quadrisignata*, Stål. Umfuli River.*Acanthaspis curvidens*, sp. n. Salisbury.*Cethera musiva*, Germ. Salisbury.*Phonergates bicoloripes*, Stål. Salisbury.,, *concoloripes*, Reut. Salisbury.*Cerilocus bicolor*, sp. n. Salisbury.

## SUB-FAMILY PIRATINÆ.

*Pirates lugubris*, Stål. Salisbury.

## SUB-FAMILY ECTRICHODINÆ.

*Physorhynchus patricius*, Stål. Salisbury.,, *principalis*, sp. n. Salisbury.

## SUB-FAMILY APIOMERINÆ.

*Cleontes genitus*, sp. n. Umfuli River.



## SUB-FAMILY HARPACTORINÆ.

- Leptodema acanthocephala*, Carlini. Umfuli River.  
*Loptodytes mashonæ*, sp. n. Umfuli River.  
*Harpactor erythrocnemis*, Germ. Salisbury.  
 „ *pulvisculatis*, Dist. Salisbury.  
 „ *segmentarius*, Germ. Salisbury.  
 „ *tristis*, Stål. Salisbury, Umfuli River.  
 „ *albopunctatus*, Stål. Salisbury, Umfuli River.  
 „ *violentus*, Germ. Salisbury, Umfuli River.  
 „ *rapax*, Stål. Salisbury.  
*Sphydrinus venans*, Stål. Salisbury.  
*Callilestes stigmatellus*, Dist. Salisbury.  
*Pantoleistes princeps*, Stål. Salisbury.  
*Phonoctonus formosus*, Dist. Salisbury.  
*Coranus carbonarius*, Stål. Salisbury.  
 „ *oblongiceps*, Stål. Salisbury.  
*Coranopsis vittata*, Horv. Salisbury.  
*Vitumnus scenicus*, Stål.  
 Var. *cinnabarinus*, Stål. Salisbury.  
 Var. *scenicus*, Stål. Salisbury.  
 Var. *miniatus*, Stål. Salisbury.  
 Var. *sobrinus*, Stål. Salisbury.  
 Var. *mashonus*, Dist. Salisbury.  
 Var. *salisburyanus*, Dist. Salisbury.  
 Var. *rhodesianus*, Dist. Salisbury.  
*Najusta albata*, sp. n. Salisbury.

## STENOLEMUS MARSHALLI, sp. n.

Brownish-ochraceous; antennæ annulated with luteous; pedunculate portion of the head, posterior margin of the pronotum, hemelytra, numerous annulations to anterior legs and to intermediate and posterior femora, a subbasal annulation to intermediate and posterior tibiæ, luteous; hemelytra spotted with brown, the spots consisting of a small one near apex of clavus, and two discal, the anterior one largest and containing a pale vein, apical margins of the same colour spotted with white; pedunculate portion of head a little shorter than remaining portion; pronotum convex, the anterior area obscurely centrally carinate; body, legs, and antennæ longly pilose—abdomen mutilated.

Long. 12 mm.

*Hab.* Mashonaland; Umfuli River (G. A. K. Marshall).

## REDUVIUS MASHONÆ, sp. n.

Head and eyes black; antennæ piceous; pronotum brownish-ochraceous, the basal area of the anterior lobe black; scutellum piceous; corium brown, basal angle, claval apex and a rounded spot on each side of same, posterior lateral margin, and apical margin, obscure ochraceous; membrane brown, somewhat paler at base and apex; connexivum luteous with elongate black spots; body beneath brown, lateral margins and a central line to abdomen luteous, lateral margins with large transverse black spots; legs luteous, subapical and apical annulations to femora, base, apices, and a median annulation to tibiæ, and apices of tarsi piceous.

Anterior lobe of pronotum profoundly centrally sulcated, posterior lobe finely punctate, posterior lateral angles shortly tuberculously spinous.

Long. 16-17 mm.

*Hab.* Mashonaland; Salisbury (G. A. K. Marshall).

Allied to *R. labeculatus*, Dist., but with the pronotum much less furrowed.

## ACANTHASPIS CURVIDENS, sp. n.

Head, rostrum, pronotum, scutellum, sternum, and legs dull reddish-ochraceous; connexivum and abdomen beneath stramineous; corium and membrane black; base of corium reddish-ochraceous.

Anterior lobe of pronotum strongly furrowed, posterior lobe with its disk rugulose, the lateral angles strongly spinously produced and directed backward; legs moderately pilose; antennæ mutilated.

Long. 18 mm.; exp. pronot. angl. 6 mm.

*Hab.* Mashonaland; Salisbury (G. A. K. Marshall).

## CERIOLOCUS BICOLOR, sp. n.

Reddish-ochraceous; eyes, corium, and membrane black; connexivum stramineous much suffused with piceous; basal lateral areas of abdomen beneath piceous.

Anterior angles of pronotum nodulose prominent, disks of anterior and posterior lobes longitudinally impressed, lateral posterior angles subprominent, subnodulose, and rounded; basal joint of antennæ not quite reaching apex of head, and about one-fourth the length of second joint; rostrum with the first and second joints subequal in length.

Long. 23½ mm.; exp. pronot. angl. 7 mm.

*Hab.* Mashonaland; Salisbury (G. A. K. Marshall).

## PHYSORHYNCHUS PRINCIPALIS, sp. n.

♀. Head, pronotum, scutellum, and sternum reddish-ochraceous; abdomen sanguineous; hemelytra, legs, abdominal incisures, and stigmatal areas black; tarsi brownish-ochraceous; basal joint of antennæ black, remainder mutilated; abdomen above with a small black spot on the lateral area of each abdominal segment. Pronotum concolorous, the longitudinal incision fine, but not reaching the base of posterior lobe, longitudinally foveate near posterior angles; scutellum foveate on disk; body very elongate, hemelytra almost reaching abdominal apex.

Long. 35 mm.

*Hab.* Mashonaland; Salisbury (G. A. K. Marshall); Orange River Colony (South African Museum).

## CLEONTES GENITUS sp. n.

Luteous; head, antennæ, anterior lobe of pronotum, anterior tibiæ, membrane, and rostrum black; corium, base of membrane, apical area of connexivum, and abdomen beneath reddish-ochraceous; connexivum above and beneath, excluding apical area, pale stramineous; distinctly pilose, especially the lateral margins of head, pronotum and abdomen, and legs; posteriorly produced posterior margin of pronotum profoundly concave.

Long. 15 mm.

*Hab.* Mashonaland; Umfuli River (G. A. K. Marshall).

## LOPODYTES MASHONÆ sp. n.

Head, antennæ, anterior lobe of pronotum, scutellum, and legs pale castaneous; posterior lobe of pronotum, corium, membrane, and prosternum pale ochraceous; body beneath thickly greyish pilose; above moderately pilose; head, antennæ, and legs longly pilose; corium and posterior legs more or less greyish tomentose; pronotum with the anterior lobe tuberculate at anterior angles, and quadrituberculate at the posterior transverse incision; posterior lobe longitudinally foveate and with a distinct central longitudinal carination, lateral areas also foveate; membrane about reaching the base of the sixth abdominal segment.

Long. 19 mm.

*Hab.* Mashonaland; Umfuli River (G. A. K. Marshall).

## VITUMNUS SCENICUS.

*Vitumnus scenicus*, Stål, Hem. Afr. iii. p. 69 (1865).

Var. *mashonus*, var. n.

Reddish-ochraceous; spot behind eyes, antennæ, apex of rostrum, posterior lobe of pronotum, scutellum, claws, membrane, spots to connexivum, marginal sternal and abdominal spots and striæ, apices of tibiæ, and the tarsi black; posterior abdominal segmental margins, pale luteous.

*Hab.* Mashonaland; Salisbury (G. A. K. Marshall).

Var. *salisburyanus*, var. n.

Black; anterior lobe of pronotum, and head entirely or in part, sanguineous.

*Hab.* Mashonaland; Salisbury (G. A. K. Marshall).

Var. *rhodesianus*, var. n.

Resembling var. *salisburyanus*, but with the legs sanguineous.

*Hab.* Mashonaland; Salisbury (G. A. K. Marshall).

## NAGUSTA ALBATA, sp. n.

Pale reddish-brown; rostrum, coxæ, and legs luteous; body beneath cretaceous-white, margins of sternum and abdomen reddish-brown, abdomen with a central luteous line; first joint of antennæ castaneous, remaining joints mutilated. Pronotum with the anterior lobe centrally sulcate, the posterior lobe finely granulate, the lateral spines directed a little upward and backward; membrane pale ochraceous, semihyaline, passing the abdominal apex; anterior femora somewhat strongly incrassate; legs pilose.

Long. 15 mm.

*Hab.* Mashonaland; Salisbury (G. A. K. Marshall).

## HETEROPTERA FROM BRITISH NYASALAND.

(COLLECTED BY DR. PERCY RENDALL.)

## FAMILY REDUVIIDÆ.

## SUB-FAMILY STENOPODINÆ.

*Pygolampis nyasæ*, Dist. Fort Johnston.

## SUB-FAMILY SALYAVATINÆ.

*Petalochirus umbrosus*, Herr. Schaeff. Fort Johnston.

## SUB-FAMILY ACANTHASPINÆ.

*Reduvius tarsatus*, Germ. Fort Johnston.

## SUB-FAMILY PIRATINÆ.

*Ectomocoris cruciger*, Fabr. Zomba.

„ *maculicrus*, Fairm. Zomba.

*Pirates rendalli*, sp. n. Zomba.

## SUB-FAMILY HARPACTORINÆ.

*Harpactor erythrocnemis*, Germ. Fort Johnston.

„ *segmentarius*, Germ. Fort Johnston.

„ *paludatus*, sp. n. Fort Johnston.

*Sphyrinus venans*, Stål. Fort Johnston.

*Cosmolestes pictus*, Klug. Fort Johnston.

*Vitumnus scenicus*, Stål.

Var. *sobrinus*, Stål. Zomba.

*Margasus opulentus*, sp. n. Fort Johnston.

## PIRATES RENDALLI, sp. n.

Black; head, pronotum, and scutellum shining with an olivaceous hue, corium dull opaque, membrane levigate; apex of rostrum castaneous. Anterior lobe of pronotum longitudinally excavate; anterior and intermediate femora distinctly spined beneath; legs somewhat longly pilose.

Allied to the West African *P. spinipes*, Serv., but differing by the opaque and scarcely ridged corium.

Long. 23 mm.

*Hab.* British Nyasaland; Zomba (P. Rendall).

## HARPACTOR PALUDATUS, sp. n.

Reddish-ochraceous; antennæ, rostrum, eyes, apical area of head, a large spot behind eyes, two longitudinal discal fasciæ to pronotum—widened posteriorly but not reaching the posterior margin, scutellum, excluding basal spot, a sub-claval streak and membranal margin of corium, head beneath, sternum, legs, and margins of abdominal

segments black; acetabula, lateral margins of sternum, posterior margin of prosternum, and biannulations to first and second joints of antennæ reddish-ochraceous, third and remaining joints of antennæ castaneous; first and second joints of rostrum about equal in length or first slightly the longest; body and legs moderately pilose; membrane brownish-ochraceous, its basal margin irregularly black; anterior lobe of pronotum centrally sulcate, posterior lobe entire; ante- and postocular areas of head about equal in length.

Long.  $11\frac{1}{2}$ –16 mm.

*Hab.* Nyasaland; Fort Johnston (Rendall); Transvaal; Lydenburg District (Pret. Mus. and Coll. Dist.).

#### MARGASUS OPULENTUS, sp. n.

Head, rostrum, antennæ, tibiæ, and tarsi castaneous; pronotum, cerium, and sternum ochraceous densely pilose; connexivum ochraceous, glabrous; lateral angles and posterior margin of pronotum, and a large subquadrate spot on the first four segments of the connexivum shining indigo-blue; membrane shining, brassy-green; abdomen beneath shining olivaceous-green; anterior and intermediate femora shining olivaceous-green, their apices castaneous; posterior femora castaneous with a subapical olivaceous-green annulation; coxæ and trochanters dark castaneous. Basal joint of antennæ about as long as head and pronotum together; second and third joints together shorter than the first; head a little shorter than pronotum; lateral pronotal angles a little prominent and obtusely angulated.

Long. 30 mm.; exp. pronot. angl. 8 mm.

*Hab.* Nyasaland; Fort Johnston (Dr. P. Rendall).

## PART II.—DESCRIPTIONS OF VARIOUS ETHIOPIAN SPECIES.

## FAMILY LYGÆIDÆ.

## AULACOPELTUS MINOR, sp. n.

Reddish-ochraceous; head, antennæ, membrane, legs, rostrum, basal angles of head beneath, and large irregular lateral sternal spots, black; abdomen beneath piceous.

Allied to the only other described species of the genus *A. excavatus*, Fabr., from which it differs by the less produced posterior angles of the pronotum, by the somewhat broader and less elongate pronotum, different colour of the head, smaller size, and paler colouration.

Long. 14 to 16 mm.

*Hab.* British Nyasaland; Zomba (K. J. Cameron).

Var. Abdomen beneath pale sanguineous, its lateral margins and apex piceous.

## FAMILY REDUVIIDÆ.

## SUB-FAMILY ACANTHASPINÆ.

## CENSORINUS, gen. nov.

Body elongate; ocelli situate between the posterior areas of eyes; first joint of antennæ about as long as head and considerably passing its apex, second joint about twice as long as first; second joint of rostrum longer than first joint; pronotum with the anterior and posterior lateral angles spinously produced, anterior lobe armed with two long spines, posterior lobe with two shorter discal spines near posterior margin; scutellum with a long, obliquely erect apical spine; connexivum with the posterior segmental angles prominently produced; legs slender, pilose, anterior femora not incrassated, posterior legs with the tibiæ a little longer than the femora, abdomen beneath with a distinct central longitudinal ridge.

Allied to *Centrogonus Bergr.* = *Vellejus Stål* (nom. præoc.).

## CENSORINUS FERRUGINEUS, sp. n.

Dull ochraceous; head in front of eyes, a central and two lateral striæ behind eyes, some irregular spots and the discal spines to

anterior pronotal lobe, longitudinal striæ on anterior margin, a spot near lateral angles and a basal fascia to posterior lobe, disk of scutellum and base of apical spine, veins and scattered irregular spots to corium and membrane, spots to connexivum, head and body beneath, rostrum, legs and antennæ black; base of first antennal joint, base and apex of second joint, bases and subapical annulations to femora, subbasal and subapical annulations to tibiæ, tarsi, acetabula, and marginal spots to abdomen, ochraceous. Head centrally, longitudinally sulcate; pronotum with the anterior spines short, suberect, the discal spines to anterior lobe long, erect, the lateral angles strongly laterally, spinously produced, the discal spines to posterior lobe a little directed backward; membrane passing abdominal apex; legs and antennæ distinctly and longly pilose.

Long. 25 mm.; exp. pronot. angl. 7 mm.

*Hab.* Madagascar (Cowan).

#### TIMOTHEUS, gen. nov.

Head robust, anteocular and postocular portions about equal in length, the disk tumid, a distinct transverse impression between eyes; rostrum robust, first joint much shorter than second, antennæ mutilated; pronotum with the lobes almost equal in length, but anterior lobe narrowest, subglobose, sculptured, its anterior angles tubercularly prominent, posterior lobe gradually widened, lateral angles subprominent, posterior margin strongly concave; scutellum trispinous—a long suberect spine at each basal angle, and a similar spine at apex; corium about half as long as abdomen; membrane large; connexivum suberect; anterior and intermediate femora moderately incrassate.

Allied to *Platymiris*.

#### TIMOTHEUS PERINGUEYI, sp. n.

Sanguineous; head, rostrum, anterior pronotal lobe, a central fascia, an elongate spot near each lateral angle, and posterior lateral margins of posterior pronotal lobe, scutellum, a central spot to corium, spots to connexivum above and beneath, anterior area of prosternum, meso- and meta-sterna—excluding lateral margins, abdominal segmental margins, and legs black; clavus, posterior portion of claval margin, and the membrane opaque piceous; body and legs pilose; anterior lobe of pronotum excavate, posterior lobe rugulose.

Long. 12 mm.; exp. pronot. angl.  $3\frac{1}{2}$  mm.

*Hab.* Cape Colony; O'okiep. (Type in S. African Museum.)



## KHAFFRA' MODESTA, sp. n.

Black; head, rostrum, basal joint of antennæ (remainder mutilated), a large spot on each side of anterior lobe of pronotum, scutellum, excluding apex, coxæ, legs, anal segment of abdomen, and some elongate spots on apical half of connexivum, dull castaneous; femora irregularly marked with piceous, a subapical annulation being most distinct; tibiæ with the base and a very obscure central annulation, piceous.

Pronotum with the posterior lateral angles spinously subprominent; scutellar spine long, robust, directly upward and backward; abdomen beneath finely transversely striate.

Long. 25 mm.; exp. pronot. angl.  $7\frac{1}{2}$  mm.

*Hab.* Nyasaland (Farler).

## PHONERGATES NIGRIVENTRIS, Schout.

Dull black; head, pronotum, scutellum, lateral margins of sternum, and anterior and intermediate femora, dull red; a transverse spot between eyes, two spots near anterior margin of posterior pronotal lobe, apex of scutellum, and apices of anterior and intermediate femora black; antennæ fuscous.

Long. 12 to 14 mm.; exp. pronot. angl.  $3\frac{1}{2}$  to 4 mm.

*Hab.* East Africa; Nyasa, Mamboia (Coll. Dist.); Congo.

Var. Scutellum black, with its apex red; femora entirely black.

In the typical form described by Schouteden the scutellum is entirely red.

## SUB-FAMILY PIRATINÆ.

## PIRATES EREBUS, sp. n.

Body above and beneath piceous-brown; antennæ, rostrum, coxæ, and legs dull dark ochraceous; eyes, ocelli, and an oblong spot to corium near apex of clavus, pale stramineous. Anterior lobe of pronotum centrally sulcate, its lateral areas irregularly striate; lateral margins of abdomen beneath sometimes brownish-ochraceous.

Long. 23 mm.

*Hab.* Madagascar (Cowan); Antananarivo.

## SUB-FAMILY ECTRICHODINÆ.

## HEXAMEROCERUS JUNODI, sp. n.

Metallic olivaceous-green; hemelytra black, opaque, with a whitish transverse spot near centre; connexivum above and beneath

spotted with ochraceous at the first, second, third, fifth, and sixth segments; antennæ glossy piceous, first joint, excluding base and apex, luteous; legs shining black; bases and apices of femora, and the tarsi, luteous; apices of tarsi fuscous; head, pronotum, and body beneath coarsely punctate, sub-granulate; femora prominently spined beneath; antennæ with the second joint rather longer than the third and fourth joints together.

Long. 12 mm.

*Hab.* Delagoa Bay (Junod).

#### PHYSORHYNCHUS ABBREVIATUS, sp. n.

♀. Black; central fascia to head from between eyes, pronotum—excluding black cruciform sulcation, apical prolongations to scutellum, basal angles of hemelytra, lateral margins of connexivum, lateral margins of sternum and abdomen beneath, legs, a large central triangular spot to second abdominal segment, a larger subquadrate spot to third segment, and two small central spots to fourth segment, ochraceous; coxæ, trochanters, a basal suffusion to femora beneath, extreme apices of femora and tibiæ, and extreme bases of tibiæ black; antennæ mutilated; pronotum impunctate, somewhat crenulate on transverse constriction, the central sulcation broadened and foveate on disk, foveately impressed near the lateral angles; hemelytra abbreviated, only reaching the base of fifth abdominal segment; connexivum excluding margin, finely transversely rugulose, abdomen above finely and irregularly transversely striate; body beneath glabrous, anterior margins of second, third, fourth, and fifth abdominal segments more or less crenulate.

Long. ♀ 34 mm.

*Hab.* East Africa; Mpwapwa.

#### PHYSORHYNCHUS COSTALIS, sp. n.

Head, scutellum, and body beneath metallic indigo-black; hemelytra black; anterior area of head, rostrum, pronotum, basal angles of hemelytra and clavus, lateral margins of hemelytra—broadly, margins of sternum and abdomen beneath, anal segment of abdomen, and legs reddish-ochraceous; connexivum, posterior legs, and apical margin to abdomen, ochraceous; antennæ, transverse pronotal constriction and central sulcation to anterior lobe, and spots to connexivum, black; anterior pronotal lobe distinctly, posterior lobe obsoletely punctate; scutellum rugose;

membrane ♂ reaching apex of abdomen; antennæ with the first and second joints fuscous, first joint reddish-ochraceous at base; remaining joints mutilated.

Long. 16 mm.

*Hab.* British East Africa; Nengia.

PHYSORHYNCHUS SPLENDENS, sp. n.

Head, anterior lobe of pronotum, and scutellum pale sanguineous; antennæ, rostrum, posterior lobe of pronotum, and legs shining black; hemelytra black opaque; connexivum and abdomen beneath shining indigo-black; bases of tibiæ very narrowly, and the tarsi brownish-ochraceous; pronotal central sulcation deep, foveate, not extending far on the posterior lobe; extreme apex of head black, ochraceous on each side; anterior femora inwardly brownish-ochraceous; legs prominently pilose.

Long. 13 mm.

*Hab.* Delagoa Bay (Junod).

SUB-FAMILY HARPACTORINÆ.

SPHEDANOLESTES SINGULARIS, sp. n.

Reddish-ochraceous; head, antennæ, rostrum, and tibiæ black; femora pale brownish, biannulated with luteous, their bases, the coxæ, and trochanters, reddish-ochraceous; disk of abdomen pale luteous with three large black ringlets on each side situate on the third, fourth, and fifth abdominal segments; membrane pale bronzy; post-ocular portion of head a little longer than ante-ocular portion; first joint of rostrum shorter than second joint; connexivum well developed in ♀, its margin lobately sinuate; posterior pronotal angles subprominent and broadly rounded.

Long. ♂ and ♀ 14–16 mm.

*Hab.* Madagascar; Fianarantsoa.

VITUMNUS SCENICUS.

*Vitumnus scenicus*, Stål, Hem. Afr. iii. p. 69 (1865).

Var. *nyasanus*, var. n.

Head, anterior lobe of pronotum, rostrum, prosternum, coxæ, trochanters, and legs sanguineous; posterior lobe of pronotum and corium, stramineous; antennæ, a triangular spot behind eyes, two very large spots to posterior pronotal lobe, scutellum, clavus,

membrane, some lateral and central sternal spots, abdomen beneath, apices of tibiæ and the tarsi, black; apex of abdomen sanguineous.

*Hab.* British Nyasaland.

MARGASUS MAURUS, sp. n.

Head, rostrum, and legs sanguineous; corium, connexivum, abdominal margin, apex of anterior tibiæ, intermediate and posterior femora—excluding apices, intermediate and posterior tibiæ—excluding bases, black; pronotum, scutellum, base of corium, and body beneath luteous; membrane pale bronzy; antennæ with the first and second joints black, remainder mutilated. Anterior lobe of pronotum tuberculously rugose with four prominent spinous tubercles, two discal and one on each lateral margin, posterior lobe with two longer and more slender discal spinous tubercles, the lateral angles also spinously produced; scutellum foveate at base, its apex not produced; femora a little nodulose, more prominently so near apices.

Long. 18 mm.; exp. pronot. angl. 5 mm.

*Hab.* Madagascar; Fianarantsoa.